

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 15302ZYXWAZ (HRT-176)		Application Number unassigned	
				Applicant(s) JOHN H. STEVENS, et al.			
				Filing Date herewith		Group Art Unit unassigned	
U.S. PATENT DOCUMENTS							
EXAMINER (INITIAL)	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
DI	US 2002/0111533 A1	8/15/2002	Melvin				
	US 2002/0029783 A1	3/14/2002	Stevens et al.				
	US 2002/0022880 A1	2/21/2002	Melvin				
	US2002/0007216 A1	1/17/2002	Melvin				
	US 6,283,993 B1	9/4/2001	Cosgrove et al.				
	US 6,258,021 B1	7/10/2001	Wilk				
	US 2001/0003986 A1	6/21/2001	Cosgrove				
	US 6,224,540 B1	5/1/2001	Lederman et al.				
	US 6,221,103 B1	4/24/2001	Melvin				
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DI	US 6,197,052 B1	3/6/2001	Cosgrove et al.				
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
DI	DE3614292	11/19/1987	Germany			✓	
	0218275 A1	4/15/1987	EPO				
	0583012 A1	2/16/1994	EPO				
	WO 97/24083	7/10/1997	PCT				
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DI	Huikuri, H. V., "Effect of mitral valve replacement on left ventricular function in mitral regurgitation", Br Heart F 1983; 49: pp. 328-33						
DI	Pitarus II, C. J., et al., "Long-Term Effects of Excision of the Mitral Apparatus on Global and Regional Ventricular Function in Humans", JACC, Vol. 15, No. 3, March 1, 1990, pp. 557-563						
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D1		US 6,182,664 B1	2/6/2001	Cosgrove			
		6,125,852	10/3/2000	Stevens et al.			
		6,117,159	9/12/2000	Huebsch et al.			
		6,079,414	6/27/2000	Roth			
		6,024,756	2/15/2000	Huebsch et al.			
		5,984,857	11/16/1999	Buck et al.			
		5,972,030	10/26/1999	Garrison et al.			
		5,971,911	10/26/1999	Wilk			
		5,957,977	9/28/1999	Melvin			
		5,865,791	2/2/1999	Whayne et al.			
D1		5,856,614	1/5/1999	Hall			

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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
D1		WO 96/40356	12/19/1996	PCT				
		WO 9604852A1	2/22/1996	PCT				
		WO 95/16476	6/22/1995	PCT				
		WO95/06447	3/9/1995	PCT				
D1		WO 93/20742	10/28/1993	PCT				

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D1	Bolling, S. F., "Early Outcome of Mitral Valve Reconstruction in Patients with End-Stage Cardiomyopathy", The Journal of Thoracic and Cardiovascular Surgery, Vol. 109, No. 4, pp. 676-683
D1	Oe, Masahiro, et al., "Effects of preserving mitral apparatus on ventricular systolic function in mitral valve operations in dogs", The Journal of Thoracic and Cardiovascular Surgery, Vol. 106, No. 5, pp. 1138-1146

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D1		5,855,601	1/5/1999	Bessler et al.			
		5,849,005	12/15/1998	Garrison et al.			
		5,814,097	9/29/1998	Sterman et al.			
		5,810,721	9/22/1998	Mueller et al.			
		5,800,528	9/1/1998	Lederman et al.			
		5,800,334	9/1/1998	Wilk			
		5,776,151	6/16/1998	Valley et al.			
		5,758,663	6/2/1998	Wilk et al.			
		5,718,725	2/17/1998	Sterman et al.			
		5,713,954	2/3/1998	Rosenberg et al.			
D1		5,682,906	11/4/1997	Sterman et al.			

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	D1	WO 93/20741	10/28/1993	PCT				
		WO 91/19465	12/16/1991	PCT				
	D1	DE4234127	5/26/1994	Germany				

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D1	Alonso-Lej, F., "Adjustable Annuloplasty for Tricuspid Insufficiency", The Annals of Thoracic Surgery, Vol. 46, No. 3, September 1988, pp. 368-369
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DI		5,665,092	9/9/1997	Mangiardi et al.				
		5,593,424	1/14/1997	Northrop III				
		5,584,803	12/17/1996	Stevens et al.				
		5,571,215	11/5/1996	Sterman et al.				
		5,533,958	7/9/1996	Wilk				
		5,509,428	4/23/1996	Dunlop				
		5,501,698	3/26/1996	Roth et al.				
		5,496,305	3/5/1996	Kittrell et al.				
		5,458,574	10/17/1995	Machold et al.				
		5,452,733	9/26/1995	Sterman et al.				
DI		5,450,860	9/19/1995	O'Connor				
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DI		Boyd, A. D., et al., "Tricuspid annuloplasty", The Journal of Thoracic and Cardiovascular Surgery, Vol. 68, No. 3, September 1974, pp. 344-351						
DI		Edie, R. N., et al., "Surgical repair of single ventricle", The Journal of Thoracic and Cardiovascular Surgery, Vol. 66, No. 3, September 1973, pp. 350-360						
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D1		5,433,727	7/18/1995	Sideris				
		5,433,700	7/18/1995	Peters				
		5,391,156	2/21/1995	Hildwein et al.				
		5,385,528	1/31/1995	Wilk				
		5,339,800	8/23/1994	Wüta et al.				
		5,332,402	7/26/1994	Teitelbaum				
		5,312,344	5/17/1994	Grinfeld				
		5,308,320	5/3/1994	Safar et al.				
		5,284,488	2/8/1994	Sideris				
		5,250,038	10/5/1993	Melker				
D1		5,250,049	10/5/1993	Michael				
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D1		McGoon, D. C., et al., "Correction of the univentricular heart having two atrioventricular valves" The Journal of the Thoracic and Cardiovascular Surgery, Vol. 74, No. 2, August 1977, pp. 218-226						
D1		Lev, M., et al., "Single (Primitive) Ventricle", Circulation, Vol. XXXIX, May 1969, pp. 577-591						
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D		5,203,776	4/20/1993	Durfee			
		5,197,979	3/30/1993	Quintero et al.			
		5,192,314	3/9/1993	Daskalakis			
		5,188,619	2/23/1993	Myers			
		5,169,381	12/8/1992	Snyders			
		Re. 34,021	8/4/1992	Mueller et al.			
		5,131,905	7/21/1992	Grooters			
		5,109,859	5/5/1992	Jankins			
		5,106,386	4/21/1992	Isner et al.			
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D		5,104,407	4/14/1992	Lam et al.			

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01	Shumacker, Jr., H. B., "Cardiac Aneurysms", The Evolution of Cardiac Surgery, Vol. 21, 1992, pp. 159-165
D	Feldt, R. H., et al., "Current status of the septation procedure for univentricular heart", The Journal of Thoracic and Cardiovascular Surgery, Vol. 82, No. 1, July 1981, pp. 93-97

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DI		5,041,130	8/20/1991	Cosgrove et al.				
		5,032,128	7/16/1991	Alonso				
		5,011,469	4/30/1991	Buckberg et al.				
		4,997,431	3/5/1991	Isner et al.				
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		4,944,753	7/31/1990	Burgess et al.				
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		4,808,163	2/28/1989	Laub				
		4,705,040	11/10/1987	Mueller et al.				
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DI		Doty, D. B., et al., "Septation of the univentricular heart", The Journal of Thoracic and Cardiovascular Surgery, Vol. 78, No. 3, September 1979, pp. 423-430						
DI		Savage, E. B., et al., "Repair of left ventricular aneurysm. Changes in ventricular mechanics, hemodynamics, and oxygen consumption", The Journal of Thoracic and Cardiovascular Surgery, Vol. 134, No. 3, September 1992, pp. 752-762						
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M		4,536,893	8/27/1985	Parravicini			
		4,409,974	10/18/1983	Freeland			
		4,372,293	2/8/1983	Vijil-Rosales			
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		4,192,293	3/11/1980	Asrican			
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91		3,409,013	11/5/1968	Berry			

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P1		Melvin, D., "Ventricular Radius-Reduction Without Resection", A Computational Assessment, University of Cincinnati
P2		Melvin, D. B., et al., "Reduction of Ventricular Wall Tensile Stress by Geometric Remodeling Device", University of Cincinnati and CardioEnergetics, Inc., (Poster text, ASAIO, 1999)

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	Harken, D. E., et al., "The Surgical Correction of Mitral Insufficiency", The Journal of Thoracic Surgery, Vol. 28, July-December, 1954, pp. 604-627
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	Medtronic 1996 Annual Shareholders Report		
D	Invited Commentary: Preservation of Muscle During Surgery, pp. 109-110, On "Preconditioning of Skeletal Muscle: Application to Dynamic Cardiomyoplasty" by C. David Iannuzzo, et al		
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	"Congestive Heart Failure in the United States: A New Epidemic", NHLBI Congestive Heart Failure Data Fact Sheet, National Heart, Lung, and Blood Institute, National Institutes of Health, http://www.nhlbi.nih.gov/ahlb/cardi/other/gp/CHF.htm				
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	ABIOMED NEWS, ABIOMED Wins Research Grant From NIH to Develop Suturing Instrument for Abdominal Surgery, August 25, 1995				
	ABIOMED NEWS, For Immediate Release, ABIOMED Receives Grant from NIH to Develop Disposable Bearingless Centrifugal Blood Pump, August 11, 1995				
	ABIOMED NEWS, ABIOMED Receives Grant From National Institutes of Health To Develop a Laser Welding Technique for Tissue Repair, June 9, 1995				
	ABIOMED NEWS, For Immediate Release, ABIOMED'S Temporary Artificial Heart System Reaches 1,000 patient Milestone; BVS-5000® in More than 100 U.S. Medical Centers, April 27, 1995				
01	THORATEC™ Brochure, January 2, 1997				
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	Gundry et al. "A Comparison of Retrograde Cardioplegia Versus Antegrade Cardioplegia in the Presence of Coronary Artery Obstruction," Ann. Thorac. Surg., Aug. 1984, 38:2, 124-127		
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2	Magovern, George J. "Sutureless Aortic and Mitral Prosthetic Valves" J. Thoracic and Cardiovasc Surg 1964; 48(3): 346-361		
EXAMINER	David J. Isabella Primary Examiner		DATE CONSIDERED 6/15/04
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		Docket Number (Optional)	Application Number
		15302ZYXWAZ (HRT-176)	unassigned
		Applicant(s)	
		JOHN B. STEVENS, et al.	
		Filing Date	Group Art Unit
		herewith	unassigned

EXAMINER INITIAL		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
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